Vienna Instruments
Vienna Whistler

Contents

Introduction

Welcome to the Vienna Symphonic Library, and thank you for purchasing one of our Vienna Instruments! This document contains the mapping information for the Vienna Whistler. You will find in it a comprehensive survey of the articulations/Patches content and the mapping list proper which gives details for every Patch, Matrix, and Preset.

Patch information

The Patch information includes articulation type, playing range, number of samples used, RAM requirements, the number of velocity layers and alternations, AB switching possibilities, etc., as well as Patch specific information if necessary. Here's an overview of the articulations/Patches contained in the Vienna Whistler Collection:

Short notes: Staccato; portato short and medium; portato long with and without vibrato
Long notes: Sustained normal and marcato, with and without vibrato; trills, minor and major 2nd
Specials: Falls; bends up with and without vibrato; up-down bends
Dynamics: Crescendo-diminuendo, 2, 4, 6 sec., sforzato
Interval performances: Legato with and without vibrato; portamento fast and slow, with and without vibrato; trills, minor to major 2nd (all other intervals legato)
Performance repetitions: Legato with and without vibrato; portato; staccato

Interval performances

Interval performances are one of the outstanding features of our Vienna Instruments. They allow you to play authentic legato without any programming tricks. In our Silent Stage, all intervals from minor second to the octave were recorded for every instrument – up and down, of course; that makes 24 interval samples per note for one velocity alone! When you load an interval performance Patch and play a line on your keyboard, the software automatically joins the right samples with their interval transitions again, and you hear a perfect legato. By the way, this technique is not only used for legato but also for other articulations like glissandos and clusters.

Interval performances also contain at least two legato repetitions for every note which alternate automatically whenever you strike a key more than once. There also are preconfigured thresholds for legato and repetition notes: The legato threshold – i.e., the maximum break between notes where legato is played – is 50 ms. Otherwise, a sustained starting note will sound so that you can easily start a new phrase without leaving the legato Patch. For note repetitions, the threshold is 200 ms: a break up to that duration will yield a legato repetition; if the break is longer, a new starting note. But naturally, it's mingling legato with other articulations which makes a piece really come alive.

Matrix information

Each Matrix listing contains information regarding the Patches used for the Matrix, the number of horizontal and vertical dimensions, and switching properties. A mapping table shows the Cell positions for each of the Matrix' Patches.

In order to facilitate working with **MIDI controller switches** like the Modulation wheel, the switching positions are not distributed equally across the controller range if they control more than two Matrix rows or columns; the switching range will be narrower at extreme positions, and wider in the middle where it is harder to find the desired setting.

Pitch

For designating pitch, the Vienna Symphonic Library uses International Pitch Notation (IPN), which was agreed upon internationally under the auspices of the Acoustical Society of America. In this system the international standard of A=440 Hz is called A4 and middle C is C4. All pitches are written as capital letters, their respective octave being indicated by a number next to it. The lowest C on the piano is C1 (the A below that is A0), etc.

You can tune your Vienna Instruments to other players, or adjust it to tunings of earlier musical periods by setting the Perform page's Master Tune option within a range of 420 to 460 Hz.

110 Vienna Whistler

Patches Range: E4–G6

01 SHORT + LONG NOTES

01 WHI_staccato **Samples: 60** **RAM: 3 MB**

Staccato
1 velocity layer

02 WHI_portato_short **Samples: 60** **RAM: 3 MB**

Portato short
1 velocity layer

03 WHI_portato_medium **Samples: 60** **RAM: 3 MB**

Portato medium
1 velocity layer

04 WHI_portato_long_mV **Samples: 45** **RAM: 2 MB**

Portato long, medium vibrato
1 velocity layer

05 WHI_portato_long_sV **Samples: 15** **RAM: 1 MB**

Portato long, strong vibrato
1 velocity layer

11 WHI_sus_Vib **Samples: 90** **RAM: 5 MB**

Sustained, vibrato
1 velocity layer
Release samples
4 Alternations
AB switch: release normal/falls

12 WHI_sus_noVib **Samples: 60** **RAM: 3 MB**

Sustained, no vibrato
1 velocity layer
Release samples
2 Alternations
AB switch: release normal/falls

13 WHI_sus_Vib-marc **Samples: 90** **RAM: 5 MB**

Sustained, marcato, vibrato
1 velocity layer
Release samples
4 Alternations
AB switch: release normal/falls

14 WHI_sus_noVib-marc **Samples: 90** **RAM: 5 MB**

Sustained, marcato, no vibrato
1 velocity layer
Release samples
4 Alternations
AB switch: release normal/falls

21 WHI_trill_1 **Range: E4–C6** **Samples: 41** **RAM: 2 MB**

Trills, minor 2nd
1 velocity layer
Release samples
AB switch: release normal/falls

22 WHI_trill_2 **Range: E4–C6** **Samples: 41** **RAM: 2 MB**

Trills, major 2nd
1 velocity layer
Release samples
AB switch: release normal/falls

23 WHI_falls **Samples: 15** **RAM: 1 MB**

Falls
1 velocity layer

24 WHI_bends-up_mV **Samples: 15** **RAM: 1 MB**

Upward bends, vibrato
1 velocity layer

25 WHI_bends-up_oV **Samples: 15** **RAM: 1 MB**

Upward bends, no vibrato
1 velocity layer

26 WHI_bends-up-do **Samples: 15** **RAM: 1 MB**

Upward-downward bends
1 velocity layer

02 DYNAMICS

01 WHI_pfp_2s **Samples: 15** **RAM: 1 MB**

Crescendo-diminuendo, 2 sec.
1 velocity layer

02 WHI_pfp_4s **Samples: 15** **RAM: 1 MB**

Crescendo-diminuendo, 4 sec.
1 velocity layer

03 WHI_pfp_6s **Samples: 15** **RAM: 1 MB**

Crescendo-diminuendo, 6 sec.
1 velocity layer

10 PERF INTERVAL

01 WHI_perf-legato_Vib **Samples: 998** **RAM: 62 MB**

Legato, with vibrato
Monophonic
1 velocity layer
Release samples
AB switch: release normal/falls

02 WHI_perf-legato_noVib **Samples: 968** **RAM: 60 MB**

Legato, without vibrato
Monophonic
1 velocity layer
Release samples
AB switch: release normal/falls

03 WHI_perf-porta_Vib-fa **Samples: 544** **RAM: 34 MB**

Portamento fast, with vibrato
Monophonic
1 velocity layer
Release samples
AB switch: release normal/falls

04 WHI_perf-porta_Vib-sl **Samples: 544** **RAM: 34 MB**

Portamento slow, with vibrato
Monophonic
1 velocity layer
Release samples
AB switch: release normal/falls

05 WHI_perf-porta_noVib-fa **Samples: 514** **RAM: 32 MB**

Portamento fast, without vibrato
Monophonic
1 velocity layer
Release samples
AB switch: release normal/falls

06 WHI_perf-porta_noVib-sl **Samples: 514** **RAM: 32 MB**

Portamento slow, without vibrato
Monophonic
1 velocity layer
Release samples
AB switch: release normal/falls

11 WHI_perf-trill **Samples: 1878** **RAM: 117 MB**

Trills, minor to major 2nd
Monophonic
1 velocity layer
Release samples
AB switch: release normal/falls

12 PERF REPETITION

01 WHI_perf-rep_leg_mV **Samples: 45** **RAM: 2 MB**

Legato with vibrato, 3 repetitions
1 velocity layer

02 WHI_perf-rep_leg_oV **Samples: 45** **RAM: 2 MB**

Legato without vibrato, 3 repetitions
1 velocity layer

03 WHI_perf-rep_por **Samples: 135** **RAM: 8 MB**

Portato, 9 repetitions
1 velocity layer

04 WHI_perf-rep_sta **Samples: 135** **RAM: 8 MB**

Staccato, 9 repetitions
1 velocity layer

Matrices

As PRO Matrices have the same content als the regular ones, they are not separately listed here. The corresponding Presets also contain only the Matrices of the same name.

Whistler Matrix **Samples: 3554 RAM: 222 MB**

A combination of most articulations, including crossfade options between vibrato and non-vibrato patches

Matrix switches: Horizontal: Keyswitches, C1–G#1 Vertical: Modwheel, 4 zones

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
V1	staccato	sustained vib.	marcato vib.	legato vib.	portamento vib.	perf. trills	legato reps. vib.	trills half	bends up vib.
V2	portato short	sustained no vib.	pfp 2 sec.	legato no vib.	portamento no vib.	perf. trills	legato reps. no vib.	trills half	bends up no vib.
V3	portato medium	sustained no vib.	pfp 4 sec.	legato no vib.	portamento no vib.	perf. trills	portato reps.	trills whole	bends up-down
V4	portato long, strong vib.	sustained X-fade	pfp 6 sec.	legato X-fade	portamento X-fade	perf. trills	staccato reps.	trills whole	falls